Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
Data File : VD076825.D
Acq On : 27 Jul 2023 09:33
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 27 14:47:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	123	0.00
2	T	Dichlorodifluoromethane	50.000	42.433	15.1	104	0.00
3	P	Chloromethane	50.000	37.841	24.3	92	0.00
4	C	Vinyl Chloride	50.000	41.217	17.6#	101	0.00
5	T	Bromomethane	50.000	41.898	16.2	108	0.00
6	T	Chloroethane	50.000	43.020	14.0	105	0.00
7	T	Trichlorofluoromethane	50.000	46.050	7.9	117	0.00
8	T	Diethyl Ether	50.000	48.890	2.2	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.218	7.6	115	0.00
10	T	Methyl Iodide	50.000	48.169	3.7	110	0.00
11	T	Tert butyl alcohol	250.000	236.109	5.6	115	0.01
12	CM	1,1-Dichloroethene	50.000	45.082	9.8#	111	0.00
13	T	Acrolein	250.000	233.723	6.5	127	0.00
14	T	Allyl chloride	50.000	47.126	5.7	112	0.00
15	T	Acrylonitrile	250.000	231.360	7.5	109	0.00
16	T	Acetone	250.000	252.988	-1.2	120	0.00
17	T	Carbon Disulfide	50.000	40.938	18.1	97	0.00
18	T	Methyl Acetate	50.000	47.236	5.5	112	0.00
19	T	Methyl tert-butyl Ether	50.000	50.124	-0.2	117	0.00
20	T	Methylene Chloride	50.000	47.349	5.3	114	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.874	8.3	108	0.00
22	T	Diisopropyl ether	50.000	48.891	2.2	114	0.00
23	T	Vinyl Acetate	250.000	240.233	3.9	111	0.00
24	P	1,1-Dichloroethane	50.000	47.720	4.6	113	0.00
25	T	2-Butanone	250.000	254.979	-2.0	118	0.00
26	T	2,2-Dichloropropane	50.000	49.659	0.7	122	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.407	1.2	118	0.00
28	T	Bromochloromethane	50.000	46.895	6.2	122	0.00
29	T	Tetrahydrofuran	250.000	239.107	4.4	114	0.00
30	C	Chloroform	50.000	49.626	0.7#	123	0.00
31	T	Cyclohexane	50.000	42.140	15.7	112	0.00
32	T	1,1,1-Trichloroethane	50.000	49.918	0.2	121	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.783	0.4	131	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	123	0.00
35	S	Dibromofluoromethane	50.000	50.286	-0.6	133	0.00
36	T	1,1-Dichloropropene	50.000	48.198	3.6	118	0.00
37	T	Ethyl Acetate	50.000	48.604	2.8	110	0.00
38	T	Carbon Tetrachloride	50.000	49.131	1.7	120	0.00
39	T	Methylcyclohexane	50.000	44.847	10.3	109	0.00
40	TM	Benzene	50.000	47.367	5.3	116	0.00
41	T	Methacrylonitrile	50.000	48.012	4.0	118	0.00
42	TM	1,2-Dichloroethane	50.000	50.530	-1.1	120	0.00
43	T	Isopropyl Acetate	50.000	49.493	1.0	117	0.00
44	TM	Trichloroethene	50.000	46.758	6.5	113	0.00
45	C	1,2-Dichloropropane	50.000	47.568	4.9#	108	0.00
46	T	Dibromomethane	50.000	48.588	2.8	111	0.00
47	T	Bromodichloromethane	50.000	48.550	2.9	113	0.00
48	T	Methyl methacrylate	50.000	47.318	5.4	107	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	861.030	13.9	105	0.00
50	S	Toluene-d8	50.000	46.844	6.3	123	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.817	2.9	110	0.00
52	CM	Toluene	50.000	48.632	2.7#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	49.675	0.7	113	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.779	0.4	115	0.00
55	T	1,1,2-Trichloroethane	50.000	47.485	5.0	110	0.00
56	T	Ethyl methacrylate	50.000	51.397	-2.8	114	0.00
57	T	1,3-Dichloropropane	50.000	46.948	6.1	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	231.441	7.4	112	0.00
59	T	2-Hexanone	250.000	252.738	-1.1	114	0.00
60	T	Dibromochloromethane	50.000	50.031	-0.1	115	0.00
61	T	1,2-Dibromoethane	50.000	47.681	4.6	108	0.00
62	S	4-Bromofluorobenzene	50.000	48.688	2.6	124	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64	T	Tetrachloroethene	50.000	49.370	1.3	112	0.00
65	PM	Chlorobenzene	50.000	49.581	0.8	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.697	-1.4	114	0.00
67	C	Ethyl Benzene	50.000	50.660	-1.3#	113	0.00
68	T	m/p-Xylenes	100.000	100.667	-0.7	112	0.00
69	T	o-Xylene	50.000	50.123	-0.2	110	0.00
70	T	Styrene	50.000	50.386	-0.8	110	0.00
71	P	Bromoform	50.000	52.290	-4.6	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	51.843	-3.7	113	0.00
74	T	N-amyl acetate	50.000	51.611	-3.2	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.002	-0.0	107	0.00
76	T	1,2,3-Trichloropropane	50.000	52.709	-5.4	111	0.00
77	T	Bromobenzene	50.000	51.011	-2.0	109	0.00
78	T	n-propylbenzene	50.000	51.268	-2.5	111	0.00
79	T	2-Chlorotoluene	50.000	51.634	-3.3	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.103	-2.2	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.607	-5.2	108	0.00
82	T	4-Chlorotoluene	50.000	51.124	-2.2	109	0.00
83	T	tert-Butylbenzene	50.000	52.511	-5.0	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.713	-1.4	108	0.00
85	T	sec-Butylbenzene	50.000	50.943	-1.9	110	0.00
86	T	p-Isopropyltoluene	50.000	51.132	-2.3	110	0.00
87	T	1,3-Dichlorobenzene	50.000	49.902	0.2	107	0.00
88	T	1,4-Dichlorobenzene	50.000	50.036	-0.1	109	0.00
89	T	n-Butylbenzene	50.000	49.762	0.5	108	0.00
90	T	Hexachloroethane	50.000	53.210	-6.4	113	0.00
91	T	1,2-Dichlorobenzene	50.000	49.489	1.0	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.565	4.9	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.863	-1.7	110	0.00
94	T	Hexachlorobutadiene	50.000	49.028	1.9	108	0.00
95	T	Naphthalene	50.000	58.807	-17.6	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.344	-2.7	112	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6